KABA

USER'S GUIDE

KABA

EF 680E / EF 680S / EF 680D

Please read these instructions carefully before you use the product.

※ Functions and design of this product are subject to change without prior notice due to product improvement.

- This product adopts Advance Clutch Mechanism of New Concept Technology. Please ensure that the installation is performed by a qualified installation professional.
- Consumers will be liable for any damage or danger caused by the installation or disassembly of the product by yourselves.
- We are not responsible for any damage or malfunction of the product caused by the problem of a door itself or any reasons due to inappropriate use of the product.
- This product is not specifically designed for the use of crime prevention. For a significant effect of antitheft, please ensure to install a device which is exclusive for the use of crime prevention.
- Please read the manual carefully and listen to the installer for the instructions on the use of the product.
- Please familiarize yourselves with the key functions of the product before you start to use the product.

Product features

– Card keys enclosed allow you to open a door easily. You can register up to 100 cards. Please be reminded that only ISO14443A type of card key can be used for this product.

– A door can be opened easily with a pin code (4-12 digits).

– When a door is closed, it will be locked automatically with the auto lock function.

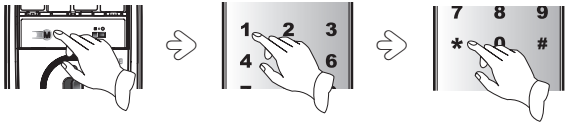
– The anti-panic function enables you to open a door easily by turning the handle downward from inside.

– If an incorrect pin code or card key is used for more than 5 times, system will be suspended for about 3 minutes to block the trespass of an outsider.

– The voice guide function can help users to operate and set functions with ease and convenience.

Summary of instructions

1 Pin code registration



Press [M] button for menu

press [1] and enter a pin code (4-12 digits)

press [∗]

2 Card key (re)registration

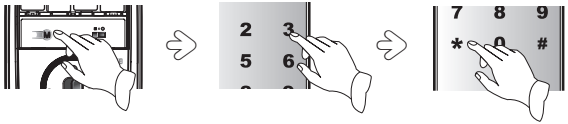
Press [M] button for menu

press [2]

touch a card key on the card reader (touch it one by one for multiple registration)

press [∗]

3 Delete all card keys

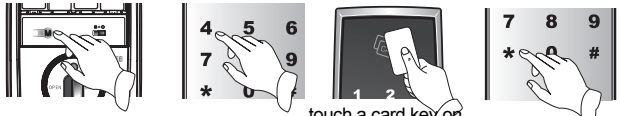


Press [M] button for menu

press [3]

press [∗]

4 Delete an individual card key



Press [M] button for menu

press [4]

touch a card key on the card reader (touch it one by one for multiple deletion)

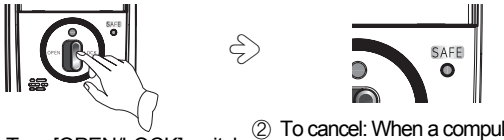
press [∗]

5 Open a door from outside

① Open door with a pin code:
Touch the keypad → enter a pin code → press [∗]

② Open door with a card key : Touch a registered card key on the card reader

6 Inside Compulsory Lock setting (Privacy Mode)



① To set: Turn [OPEN/LOCK] switch to [LOCK] and then press down

② To cancel: When a compulsory lock (SAFE LED) light flashes, press the switch once to cancel.

Instruction Overview

7 Outside Compulsory Lock setting(only applicable to EF680D model)

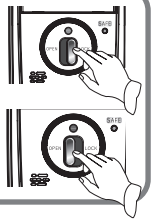
① Lock setting with a pin code: Touch the keypad with your palm→ press [#] for 3 seconds then enter a pin code → press [∗]

② Lock setting with a card key : Touch the keypad with your palm → press [#] for 3 sec → touch a card key

8 Open/Auto Lock setting (OPEN/LOCK)

① Auto Lock setting : Change the [OPEN/LOCK] switch to [LOCK] (red color)

② Open Mode setting : Change the [OPEN/LOCK] switch to [OPEN] (green color)



9 Volume adjusting function

① Increase volume setting (maximum motion sound): Change the volume adjusting switch to [●]

② Decrease volume setting (normal motion sound): Change the volume adjusting switch to [•]

③ Etiquette mode setting (mute) : Change the volume adjusting switch to [✖]

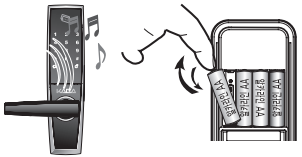
10 Turn off the alarm

① Outside : Touch a registered card or enter a pin code

② Inside : Change the [OPEN/LOCK] switch to [LOCK] and press the switch for 5 seconds.

11 Battery Change Alert

Replace an alkaline battery (AA size) when the battery change light illuminates red and the voice guide "please change the battery" is heard.



12 Emergency power supply upon battery discharge

A door can be opened with a card key or a pin code when 9V alkaline battery is contacted at the bottom of the product. (regardless of the contact direction)

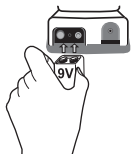


Table of contents

1 Components 9

2 Name of parts

2-1. Outside Lock (front body) 12
2-2. Inside Lock (main body) 13

3 How to use

3-1. Register and change a password 14
3-2. (Re) Register a card key 15
3-3. Delete all card keys 16
3-4. Delete an individual card key 17
3-5. Register a remote controller 18
3-6. Deactivate a remote controller 19
3-7. Open a door from outside 20
3-8. Lock a door from outside 22
3-9. Open a door from inside 23
3-10. Lock a door from inside 23
3-11. Open/Auto Lock [OPEN/LOCK] setting 24
3-12. Inside Compulsory Lock (Privacy) setting 24
3-13. Outside Compulsory Lock setting
(only applicable to EF 680D model) 25
3-14. 3-min Lock mode 26
3-15. Volume adjusting function 26
3-16. General identification mode/double identification mode 27
3-17. Voice/Melody setting 28
3-18. Alarm on/off setting 29
3-19. Trespassing/Damage Alarm 30

4 Trouble shooting

4-1. How to replace a battery 31
4-2. Solutions to malfunction of the product 32
4-3. Trouble shooting 33

5 Product specification

1 Safety Regulations

To ensure your own safety and prevent any damage or accident caused by the inappropriate use of the product, please read carefully before you start to use the product. Children should be under the guidance of an adult to ensure the safety use of the product. Keep this manual in a safe place for future reference.

Caution Information which a user should observe to prevent any injury, damage or property loss.

Note Supplementary information on the product.

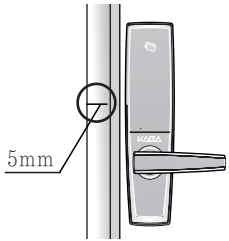
Ban Something must not be done.

Must Guideline that a user should follow.

Installation

Ban Consult a qualified installation professional for installation or relocation.

Must Ensure that the gap between the door and the doorframe is less than 5mm. (If the gap is too wide, auto lock function may not be able to function)

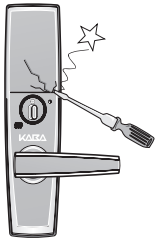


Must Do not install the product where direct contact with rainwater is possible. The rainwater may cause the malfunction of the product.

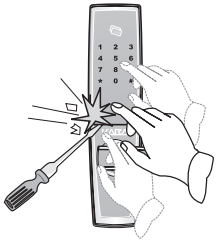
Installation

Ban Do not wash the product with water as electronic circuit may break down in contact with water. Wipe it with a dry cloth for cleaning.

Ban Do not disassemble, reassemble or repair the product by yourselves. This may cause the damage or malfunction of the product.

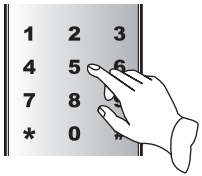


Ban Do not press a button too hard or use a foreign object to hit it. This may cause the damage or malfunction of the product.

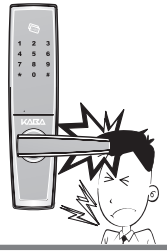


Must It is your own responsibility to check if the door is properly locked when you are going out. We are not responsible for any damage or property loss.

Must Be alert when you open a door with a password. There will be a risk of theft if your password is exposed to an outsider. Change your password on a regular basis.

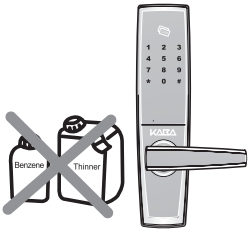


Must Beware of the door handle to prevent possible injury. Caution your child at home.

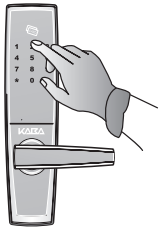


N. B for installation

Must Do not clean the product with direct contact with water, or wipe it with chemicals such as benzene, thinner, alcohol, etc. They may cause damage or malfunction of the product.

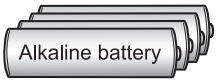


Must Do not wear gloves to touch the keypad as the system cannot detect.



Must Keep the keypad clean and away from foreign substance at all times and do not touch it with your wet finger.

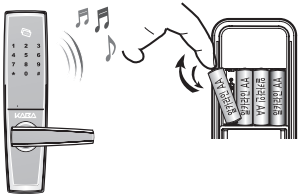
Must Use a new alkaline battery (AA size). Otherwise, it may cause the malfunction of the product and the lifetime of the product may be shortened.



Must Insert the battery properly with the correct polarity. If the battery is incorrectly inserted, this may cause battery leakage or rupture and lead to the malfunction of the product. The lifetime of the product will be shortened.

Must Do not mix a new battery with a used one. This can cause damage and shorten the lifetime of the product.

Must When the battery change alert is heard, please replace the battery as soon as possible.

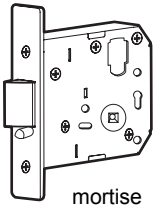


Must Do not drop a remote control or give it a shock to prevent damage or malfunction.

Basic components (EF680S) Egress Lock

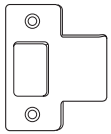
Outside part (front body)

inside part (main body)



mortise

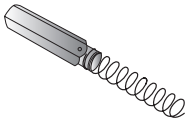
screw (4 nos)



strike

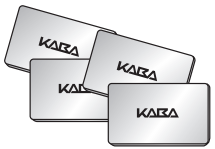
user manual

screw (4nos) (4nos) (4nos) (4nos)

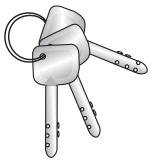


handle shaft

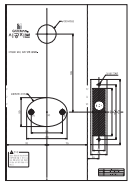
guide screw



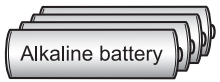
card key (4 nos)



manual keys (3 nos)

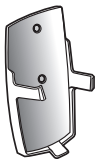


working drawing



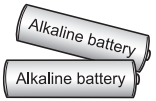
battery (AA) (4 nos)

Option



prop

remote control

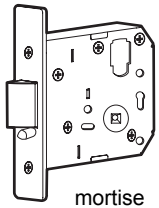


battery(AAA) (2 nos)

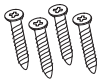
Note Product components are subject to change according to installation environment

Basic components (EF680D)

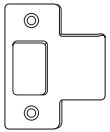
Outside part (front body) inside part (main body)



mortise

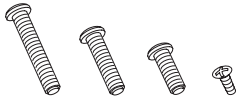


screw (4 nos)

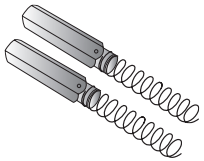


strike

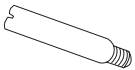
user manual



screw (4nos) (4nos) (4nos) (4nos)

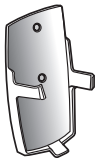


handle shaft



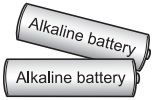
guide screw

Option

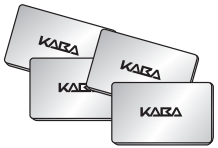


prop

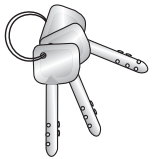
remote control



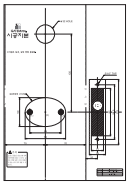
battery(AAA) (2 nos)



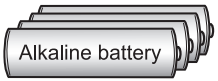
card key (4 nos)



manual keys (3 nos)



working drawing



battery (AA) (4 nos)

Note Product components are subject to change according to installation environment

2 Names of parts

2-1 Outside Lock (front body)

Key pad

For you to enter a number such as a pin code and menu setting, it also displays the status of the various modes.

Card reader

Identifies a card key

Battery Change Light

Red light is on when battery needs to be replaced.

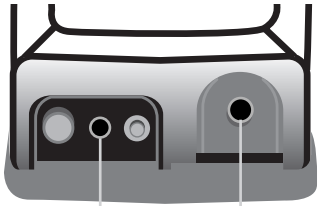
Motion Light

Indicates the status of a door lock

Handle

Emergency power supply socket

When the battery is fully discharged, a 9V battery can be used to supply power to operate the product temporarily as an emergency backup. 9V battery is not included in the package. You need to purchase a 9V battery separately.



(separate purchase)

Reset Hole

initializes the product when it works abnormally

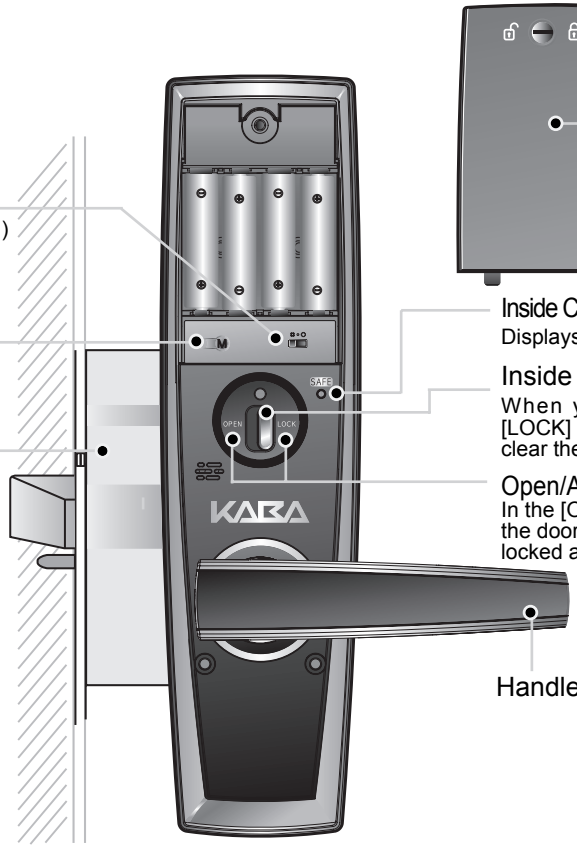
Emergency Key Insert Hole

When a battery is completely discharged or the product does not work properly, you can unlock the door with an emergency key and open a door by turning the door handle downward.

Note

EF680D is equipped with another emergency key insert hole on the inside main body

2-2 Inside Lock (Main Body)



Battery cover

Volume adjusting switch

Volume can be set as max(●) - normal(•) - mute(✖) (Default setting is max)

Registration button [M]

Register a password/card key or set various modes

Mortise

Installed on the side of a door for opening and closing a door

Inside Compulsory Lock (Privacy) Light (SAFE LED)

Displays the status of the Inside Compulsory Lock

Inside Compulsory Lock (Privacy) Switch

When you turn the [OPEN/LOCK] switch to [LOCK] and press the switch, it can either set or clear the privacy mode. Door must be closed.

Open/Auto Lock [OPEN/LOCK] Switch

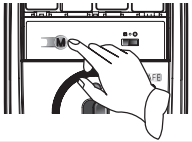
In the [OPEN] mode, a door cannot be locked even if the door is closed. In the [LOCK] mode, door is locked automatically once the door is closed.

Handle

3 How to use

3–1 Register and change a pin code

1 Open the battery cover and press [M] button



Voice guide

"If you want to register pin code press 1, card key press 2, to delete all card keys press 3, to delete individual card key press 4 and other registration press hash [#]"

Caution After pressing [M] button and desired button is not pressed within 7 seconds, setting will not be completed.

Note For the products with remote controller, the voice guide is as follows : "If you want to register password press 1, card key press 2, to delete all card keys press 3, to delete individual card key press 4, registering a remote controller press 8, deleting remote controllers press 9 and other registration press hash [#]"

2 Press [1] to register a password

Voice guide

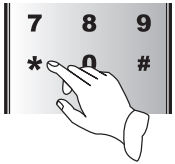
"Enter the pin code you want to register and press star"

3 Enter a pin code on the keypad

4-12 digits password can be used.

Caution A password cannot consist of symbols [∗] and [#].

4 Press [∗] to finish the registration



Note An entered pin code will display on the keypad in correct order.

Voice guide

"Registration of password is completed."

Caution

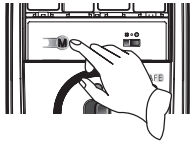
- When you finish the pin code registration, please check if a door can be opened with the pin code.
- There is a risk of the door being locked when registering or changing a pin code. Please ensure the door is kept open during the registration process, or simply bring a registered card key or an emergency key with you.

Note

- The pin code is set default as "1234567890"
- A pin code can consist of 4-12 digits numbers excluding the symbols [∗] and [#]. (0000 ~ 0000000000)
- A new pin code will replace an existing pin code.
- Even if a new pin code is registered, there will be no effect on an existing registered card key.

3-2 (Re)Register a card key

1 Open the battery cover and press [M] button

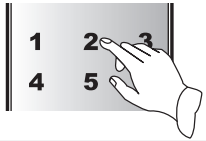


Voice guide
"If you want to register password press 1, card key press 2, to delete all card keys press 3, to delete individual card key press 4 and other registration press pound [#]"

Caution After pressing [M] button and desired button is not pressed within 7 seconds, setting will not be completed.

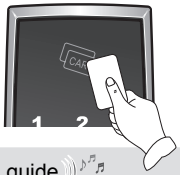
Note For the products with remote control, the voice guide is as follows : "If you want to register password press 1, card key press 2, to delete all card keys press 3, to delete individual card key press 4, registering a remote controller press 8, deleting remote controllers press 9 and other registration press pound [#]"

2 Press [2] on the keypad



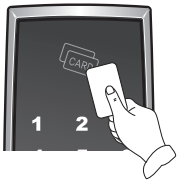
Voice guide
"X numbers of card keys have been already registered. If you want to register a card key, contact the cards on the card reader and if you want to finish press star"

3 Touch a card key on the card reader



Voice guide
"The card key is registered."

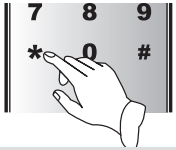
4 If you need to register more than one card key, touch an individual card key one by one on the card reader



Voice guide
"The card key is registered."

Note If you try to process a registered card key, you will hear the voice guide "This is not a registered card key"

5 Press [∗] to finish the registration



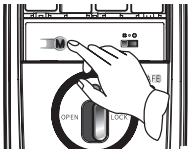
Voice guide
"Card key registration is completed."

Caution
- When you finish the card key registration, please check if a door can be opened with the registered card key.
- Even if the [∗] button is not pressed after the card key registration, the registration will be automatically completed after 7 seconds.

Note
- Up to 100 card keys can be registered (ISO 14443A type mifare standard only)

3-3 Delete all card keys

1 Open the battery cover and press [M] button



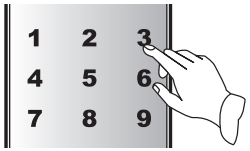
Voice guide

"If you want to register password press 1, card key press 2, to delete all card keys press 3, to delete individual card key press 4 and other registration press hash [#]"

Caution After pressing [M] button and desired button is not pressed within 7 seconds, setting will not be completed.

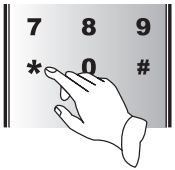
Note For the products with remote controller, the voice guide is as follows : "If you want to register password press 1, card key press 2, to delete all card keys press 3, to delete individual card key press 4, registering a remote controller press 8, deleting remote controllers press 9 and other registration press hash [#]"

2 Press [3] on the keypad



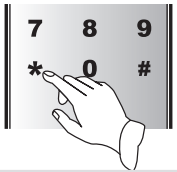
Voice guide

"If you want to delete all card keys, press star"



Caution Please be reminded that all the registered card keys will be deleted.

3 Press [*] to finish the deletion

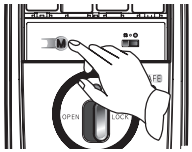


Voice guide

"All card keys are deleted"

3-4 Delete an individual card key

1 Open the battery cover and press [M] button



Voice guide

"If you want to register password press 1, card key press 2, to delete all card keys press 3, to delete individual card key press 4 and other registration press hash [#]"

Caution After pressing [M] button and desired button is not pressed within 7 seconds, setting will not be completed.

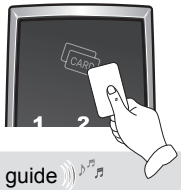
Note For the products with remote controller, the voice guide is as follows : "If you want to register password code press 1, card key press 2, to delete all card keys press 3, to delete individual card key press 4, registering a remote controller press 8, deleting remote controllers press 9 and other registration press hash [#]

2 Press [4] on the keypad

Voice guide

"X numbers of card keys have been already registered. If you want to delete a card key, contact the card on the card reader and if you want to finish press star"

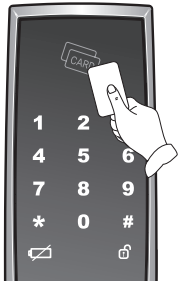
3 Touch a card key on the card reader



Voice guide

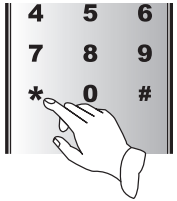
"The card key was deleted."

4 If you need to delete more than one card key, touch an individual card key one by one on the card reader



Note If a registered card key was deleted under normal circumstances, you will hear the voice guide "The card key was deleted"

5 Press [∗] to finish the deletion



Voice guide

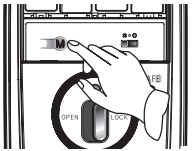
"Deleting card key is completed."

Caution

- When you finish deleting a card key, please check if a door can be opened with the deleted card key.
- Even if the[∗] button is not pressed after the card key deletion, the deletion will be automatically completed after 7 seconds.

3–5 Register a remote controller (only applicable to models with remote controller)

1 Open the battery cover and press [M] button



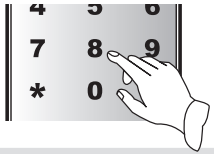
Voice guide

"If you want to register password press 1, card key press 2, to delete all card keys press 3, to delete individual card key press 4, registering a remote controller press 8, deleting remote controllers press 9 and other registration press hash [#]"

Caution After pressing [M] button and desired button is not pressed within 7 seconds, setting will not be completed.

Note For the products without remote controller, numbers [8] and [9] will not illuminate on the keypad.

2 Press [8] on the keypad



Voice guide

"X numbers of remote controllers have been already registered. If you want to register a remote controller, press the button on the remote controller. If you want to finish press star"

3 Press and hold the[ ] button for registration

Voice guide

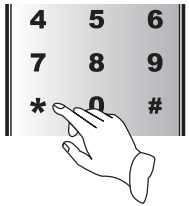
"The remote controller is registered."

4 If you need to register more than one remote controller, press and hold [ ] button on an individual controller.

Note

- Up to 3 remote controllers can be registered.
- Time for remote controller registration is less than 10 seconds.
- If a remote controller is registered under normal circumstances, you will hear the voice guide "The remote controller is registered."

5 Press [*] to finish the registration



Voice guide

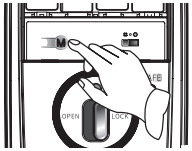
"Remote controller registration is completed."

Note

- Up to 3 remote controllers can be registered. Once all the 3 remote controllers are registered, the registration processed will be completed even without pressing[*] button
- Registration for a new remote controller will not replace an existing registered remote controller.

3-6 Delete a remote controllers (only applicable to models with remote controller)

1 Open the battery cover and press [M] button

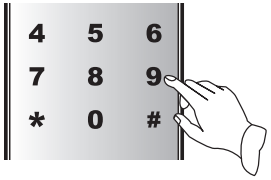


Voice guide
"If you want to register password press 1, card key press 2, to delete all card keys press 3, to delete individual card key press 4, registering a remote controller press 8, deleting remote controllers press 9 and other registration press hash [#]"

Caution After pressing [M] button and desired button is not pressed within 7 seconds, setting will not be completed.

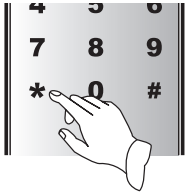
Note For the products without remote controller, numbers [8] and [9] will not illuminate on the keypad.

2 Press [9] on the keypad



Voice guide
"If you want to delete remote controllers, press star."

3 Press[*] to delete the registration



Voice guide
"Deletion of remote controllers is completed."

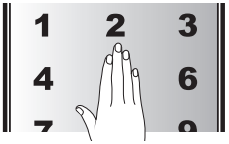
Caution Please be reminded that all the registered remote controllers will be deleted.

If a remote controller is not used or lost, deleting a remote controller will help save and lengthen the life of the battery.

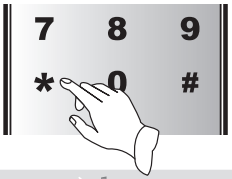
3–7 Open a door from outside

1 Open a door with a pin code (general identification mode)

1. Touch the keypad with your palm



2. Enter a registered pin code on the keypad
3. Touch the keypad with your palm or press [*] to release the lock



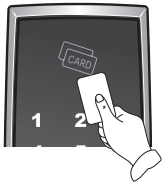
Voice guide "The door unlocked"

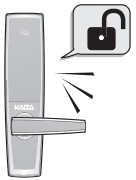
Note

- If an unregistered card key or an incorrect password is entered for more than 5 times consecutively, [LOCK] mode will be activated for 3 minutes.
- The system will not work if you wear gloves to touch the keypad.
- Touch the keypad with your entire palm.

2 Open a door with a card key (general identification mode)

1. Touch a registered card key on the card reader





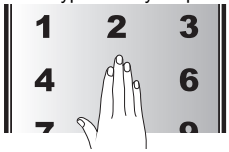
Voice guide "The door unlocked"

Note

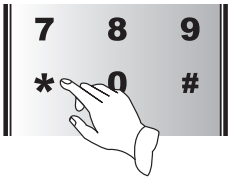
- Only applicable to the card key type ISO14443A. (certain cards may not be used)
- When you touch a card key on the card reader, the distance between a card key and the card reader should be within 10mm.

3 Open a door with pin code and scramble code (general identification mode)

1. Touch the keypad with your palm



2. Enter scramble code and then the pin code or enter the pin code first and then the scramble code
3. Door will be unlocked when you touch the keypad with your palm or simply press [*]



Note

- A scramble code can be entered before or after the input of a pin code.
- A scramble code can only be used in general identification mode.

※What is a scramble code?
It is a set of random numbers entered before or after the input of a password. The scramble code can minimize the chance of exposing the real password to others.

4 Open a door with a card key and a pin code (double identification mode)

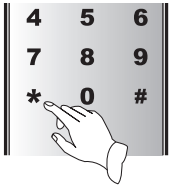
1. Touch a registered card key on the card reader

2. The keypad will then illuminate

Voice guide "Enter your password"

3. Enter a registered pin code and press [∗]

4. Door is unlocke

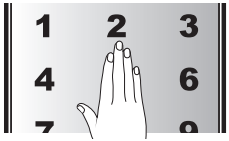


Voice guide "The door unlocked"

Note Please refer to "General Identification Mode/Double Identification Mode" (page 27) for double identification mode setting.

5 Open a door with a password and a card key (double identification mode)

1. Touch the keypad with your palm



2. Enter a registered pin code and press [∗]

Voice guide "Contact the card key on the card reader"

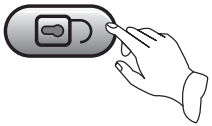
3. Touch the registered card key on the card reader

4. Door is unlocked

Voice guide "The door unlocked"

6 Open a door with a remote controller (general identification mode, only applicable to models with remote controller)

1. Press [ ] button on the registered remote controller



2. Door is unlocked

Voice guide "The door unlocked"

Note

- A remote controller cannot be used during double identification mode, inside compulsory lock mode, open mode and outside compulsory lock mode.
- It can be used anywhere inside a door given that the working distance is within 10-20m. (working distance can vary depending on the environment)

3-8 Lock a door from outside

1 [Lock] mode

With a built-in sensor in the mortise, a door will be locked automatically once the door is closed.

Caution Please check if the door is locked properly.

2 [OPEN] mode

In [OPEN] mode, door will not be locked when the door is closed.

Voice guide "Open mode"

Caution Be alert if the door is not locked in any case.

3-9 Open a door from inside 3-10 Lock a door from inside

A door can be opened when you turn the door handle downward (anti-panic function)

Note

- If Outside Compulsory Lock mode is on, a door cannot be opened from inside (only applicable to EF680D model)

1 [LOCK] mode

A door is locked automatically when the door is closed.

2 [OPEN] mode

In [OPEN] mode, door will not be locked when the door is closed.

Note

In [OPEN] mode, remote controller cannot be used.

3-11 Open/Auto-Lock [OPEN/LOCK] setting

In [LOCK] mode, a door will be locked automatically when the door is closed

1 Auto-Lock [LOCK] mode setting

Change [OPEN/LOCK] switch to [LOCK]

Note A door is locked automatically once the door is closed.

2 Open mode setting

Change [OPEN/LOCK] switch to [OPEN]

Caution In [OPEN] mode, a door is not locked even if the door is closed. To lock a door, you have to change the [OPEN/LOCK] switch to [LOCK].

Note When a door is closed in [OPEN] mode and you try to open the door using outside identification such as password and card key, a voice guide "Open mode" will be heard.

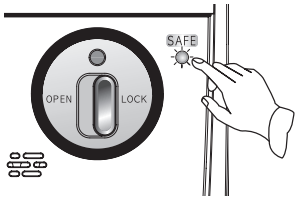
3-12 Inside Compulsory Lock (Privacy) setting

Inside Compulsory Lock is a function which prevents an outsider from unlocking the door with a card key or a password from outside.

1 Change [OPEN/LOCK] switch to [LOCK]

2 Press the switch once

3 [SAFE] light will illuminate



Note

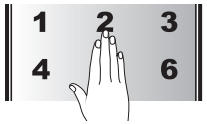
- In [OPEN] mode, Inside Compulsory Lock cannot be set.
- In Inside Compulsory Lock mode, a door cannot be opened using outside identification such as password and card key, a voice guide"Privacy mode" will be heard.
- Once you press the switch, you will either set or clear the mode.
- Setting will be cleared when the door is opened by turning the door handle downward from inside.

3-13 Outside Compulsory Lock (only applicable to EF 680D model)

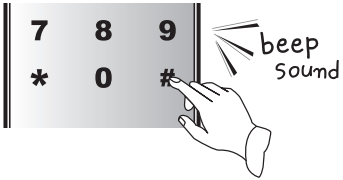
Outside Compulsory Lock mode is to activate the inside lock device to prevent the door opening from inside.

1 Set Outside Compulsory Lock with a password

1. Touch the keypad with your palm



2. Press [#] on the keypad for more than 3 seconds until you hear the sound "peep"

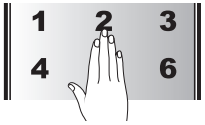


3. Enter a registered pin code and press [*] to activate the lock device

Voice guide
"External forced locking mode is working"

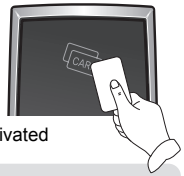
2 Set Outside Compulsory Lock with a card key

1. Touch the keypad with your palm



2. Press [#] on the keypad for more than 3 seconds until you hear the sound "peep"

3. Touch a registered card key on the card reader

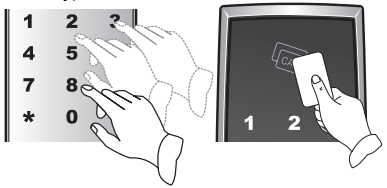


4. The lock device is activated

Voice guide
"External forced locking mode is working"

3 Deactivate the Outside Compulsory Lock

Deactivate the lock by the normal door opening procedure from outside (pin code, card key)



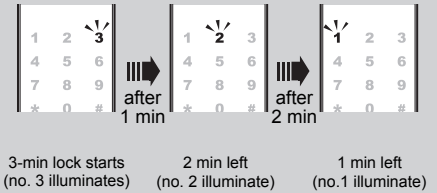
Note If the door is opened by a manual key from outside, an alarm will be heard.

Caution
- Door cannot be opened even when you turn the door handle downward.

Note
- There will be no effect on the setting with the battery removed and reinserted.
- In Outside Compulsory Lock mode, you can deactivate the lock by using a remote controller (only applicable to EF 680D model)
- Door can be opened from inside with a manual key only.

3–14 3-min Lock mode

If an unregistered pin code or card key is entered for 5 times consecutively, this will activate the 3-min Lock mode. The system will be suspended for 3 minutes. Count down time will be shown on the keypad with the indication 3-2-1.



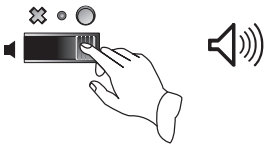
Note

- The keypad will not work during the 3-min lock mode.
- 3 minutes lock mode will be deactivated after 3 minutes or if you opend the door by inside lever.

3–15 Volume adjusting function

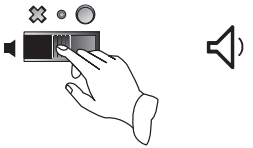
1 Increase the motion volume

Open the battery cover and change the volume adjusting switch to [ ] (Default setting is [ ])



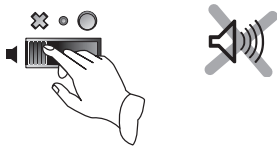
2 Decrease the motion volume

Open the battery cover and change the volume adjusting switch to [ ]



3 Mute setting

Open the battery cover and change the volume adjusting switch to [ ]



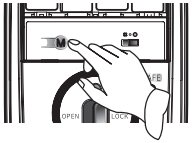
Note

- If the product is set as mute, there will be no sound for the input of the number.
- Alarm will work normally in mute setting.

3-16 General identification mode/double identification mode

Double identification mode helps strengthen the security with the use of password and card key together.

1 Open the battery cover and press [M] button



Voice guide

"If you want to register password press 1, card key press 2, to delete all card keys press 3, to delete individual card key press 4 and other registration press pound [#]"

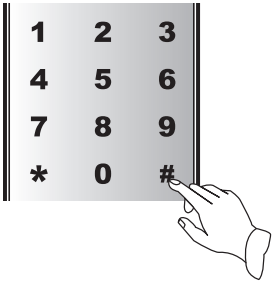
Caution

After pressing [M] button and desired button is not pressed within 7 seconds, setting will not be completed.

Note

For the products with remote controller, the voice guide is as follows : "If you want to register password press 1, card key press 2, to delete all card keys press 3, to delete individual card key press 4, registering a remote controller press 8, deleting remote controllers press 9 and other registration press hash [#]"

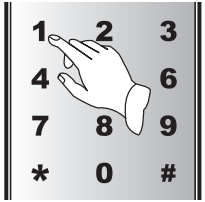
2 Press [#] on the keypad



Voice guide

"If you want to change access mode press 1, change sound mode press 2, change alarm mode press 3."

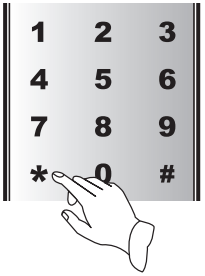
3 Press [1] will change the identification mode



Voice guide

"Double security access mode → standard access mode → double security access mode"

4 Press [*] to save the identification mode you want to select



Voice guide

"Mode change"

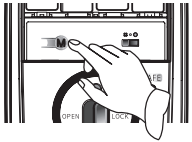
Note

- In double identification mode, a door cannot be opened with a remote controller (only applicable to models with remote controller)
- "How to open a door in double identification mode" - please refer to "Open a door from outside" on page 21

3-17 Voice/Melody setting

It is a function for you to set the sound of door opening or closing either as voice or melody.

1 Open the battery cover and press [M] button



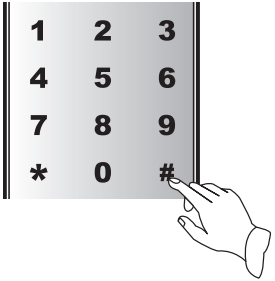
Voice guide

"If you want to register password press 1, card key press 2, to delete all card keys press 3, to delete individual card key press 4 and other registration press pound [#]"

Caution After pressing [M] button and desired button is not pressed within 7 seconds, setting will not be completed.

Note For the products with remote controller, the voice guide is as follows : "If you want to register password press 1, card key press 2, to delete all card keys press 3, to delete individual card key press 4, registering a remote controller press 8, deleting remote controllers press 9 and other registration press pound [#]"

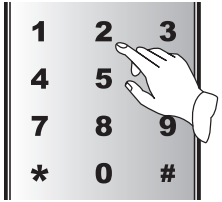
2 Press [#] on the keypad



Voice guide

"If you want to change access mode press 1, change sound mode press 2, change alarm mode press 3."

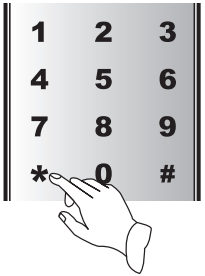
3 Press [2] will change the sound mode



Voice guide

"Melody mode→ voice mode → Melody mode"

4 Press [*] to save output mode



Voice guide

"Mode changed"

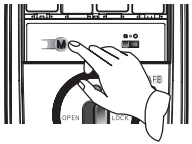
Note

- The initial value upon product shipping is voice output mode

3–18 Alarm on/off setting

It is a function for you to turn on or off the alarm function.

1 Open the battery cover and press [M] button



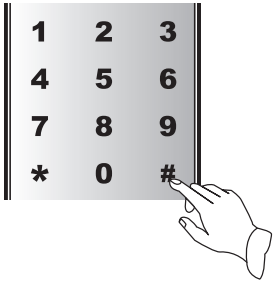
Voice guide

"If you want to register password press 1, card key press 2, to delete all card keys press 3, to delete individual card key press 4 and other registration press pound [#]"

Caution After pressing [M] button and desired button is not pressed within 7 seconds, setting will not be completed.

Note For the products with remote controller, the voice guide is as follows : "If you want to register password press 1, card key press 2, to delete all card keys press 3, to delete individual card key press 4, registering a remote controller press 8, deleting remote controllers press 9 and other registration press pound [#]"

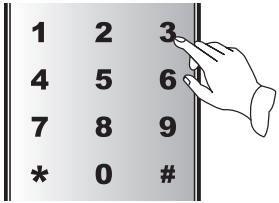
2 Press [#] on the keypad



Voice guide

"If you want to change access mode press 1, change sound mode press 2, change alarm mode press 3."

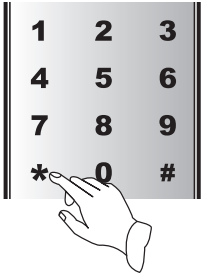
3 Press [3] will change the alarm mode status



Voice guide

"Alarm on→alarm off → alarm on"

4 Press [*] to save the status you want to select



Voice guide

"Mode change"

Note

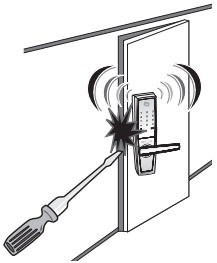
- The product defaults the alarm mode as on.

3-19 Trespassing/damage alarm

When the door is securely locked, an alarm will be activated if an outsider tries to break into the premises by forcibly opening a door or damaging the door lock.

1 Trespassing alarm

- An alarm will be activated if an outsider tries to break into the premises by forcibly opening a door.



Note

- The alarm will last for 10 minutes.
- There will be no effect on the alarm mode with the battery removed an reinserted.

Caution

- Be alert that the alarm will not work if the alarm mode is set as off.

2 Damage alarm

- An alarm will be activated if an outsider tries to break into the premises by damaging the door lock.

Note

- The alarm will last for 10 minutes.
- There will be no effect on the alarm mode with the battery removed an reinserted.

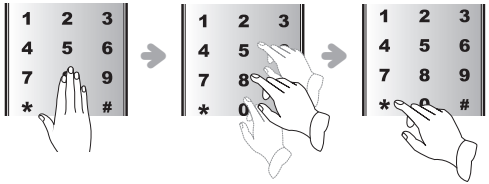
Caution

- Be alert that the alarm will not work if the alarm mode is set as off.

3 How to cancel an alarm

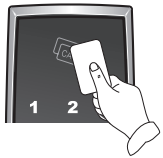
Enter a password

- Touch the keypad with your palm, enter a password and then press [*]



Touch a card key

- Touch a registered card key on the card reader.



Press the [OPEN/LOCK] switch

- Change the [OPEN/LOCK] switch to [LOCK] and press the switch for more than 5 seconds to cancel the alarm.

4 Trouble shooting

4–1 How to replace a battery

When the product is being used and the battery needs to be replaced, the battery change LED light on the lower left will illuminate if the keypad is touched.

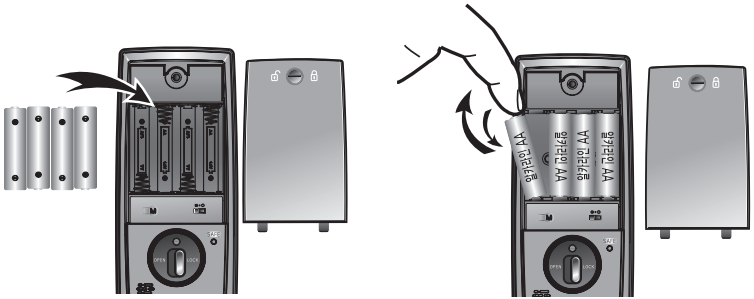
Voice guide "Please change the battery"

1 Open the cover of the main body

- Unfasten the screw on the battery cover by turning counterclockwise, and then pull it forward to open the cover.

2 Replace the battery

- Replace all 4 batteries with the correct direction as shown in the picture (AA 1.5V alkaline battery)



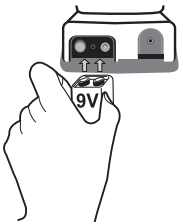
Note

- If the battery polarity (+ -) is incorrectly inserted, the product will not work.
- Replace batteries with brand new alkaline batteries. (do not mix for use)
- If you hear the battery change voice guide, replace batteries with new ones as soon as possible.
- The product will stop working suddenly if batteries are not changed when you hear the voice guide reminder to change battery.

4-2 Solutions to malfunction of the product

1 How to use a 9V battery

• If the product stops working due to the battery discharge, insert a 9V square battery and use a password or a card key to open the door.

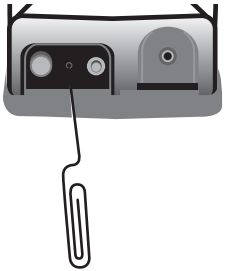


Note

• Purchase a 9V battery in the nearest convenience store or any electronic shops. (The use of alkaline battery is recommended)

2 In case of abnormality when the power is on

• Use a pin to insert into the reset hole at the lower center of the front body. System will then start again.

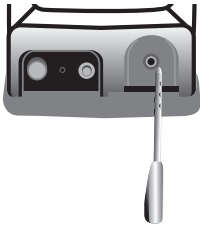


Note

• If problem persists after you reset the system, please contact After Sales Service for further assistance.

3 How to use a manual key

• Insert the key into the manual key hole, turn it clockwise (right) while pressing it upward. Open the locked door by turning the handle downward.



Note

• a manual key can be used during battery change or when the product is not working properly.
• An alarm will be activated if a manual key is used to open a locked door.
• A manual key should be removed after use.

Caution

• In case of emergency, please keep at least 1 key outside in a safe place.

4-3 Trouble shooting

If the product is not working properly, please ensure that you have read the following table carefully before you go to contact After Sales Service. If a problem persists, please contact After Sales Service for further assistance.

classification	Problem	Check points
Basic operation	Power is not on	– Check if the battery is faulty or it is inserted with the correct polarity (+ -) – Check if the battery is completely discharged
	Cannot register a password	– Input will be cancelled if a password is not entered within 7 seconds. Enter a password within 7 seconds when the keypad illuminates. – A password cannot consist of symbols [∗] or [#] – A password should consist of 4 to 12 digits of numbers.
	Keypad does not illuminate with your palm touch or malfunction	– Palm touch plays an important role of solving the problem of leaving fingerprint on the keypad. The product can only identify a palm touch when more than 3 fingers are touched on the keypad. Touch the keypad again with your open palm.
	Cannot register a card key	– Input will be cancelled if a password is not entered within 7 seconds. Enter a password within 7 seconds when the keypad illuminates. – Check if it is the specific card key type (ISO14443A type) or the card key is faulty – Register with the enclosed card keys
	A locked door cannot be opened with a card key	– Check if it is a registered card key – Touch a registered card key approximately on the card reader with a card key picture on it. – The sensor cannot work if a card key does not have contact with the card reader

classification	Problem	Check points
Basic operation	A card key is lost	– In case a card key is lost, delete all the card keys and re-register the remaining of the card keys to prevent outsiders from using the lost card
	No sound	– Check if the volume adjusting switch is set to [✖] (motion sound will be on if set as[•] or [●]
	When you open a door with a password or a card key from outside, you hear the voice guide "Privacy mode" and door cannot be opened	– Check if the Inside Compulsory Lock is set from inside, a door cannot be opened using a password or a card key from outside – The product can be used again only after the Inside Compulsory Lock is deactivated by the person from inside.
	Alarm is on suddenly when the product is touched	– You will hear the alarm if the mortise sensor is not working properly. Enter a password or a card key or change the [OPEN/LOCK] switch to [Lock] position and press it for about 5 seconds to turn the alarm off
	Auto lock is not working	– Check if the changeover switch of a main body is at "lock" position. If it is in [OPEN] mode, a door cannot be locked even if door is closed. When you touch the keypad with your palm, you can hear the voice guide "open mode"

Product specification

Part	standard	Remark
Front body	25.5(D)×74(W)×282(H)	Zinc die casting
Main body	27(D)×74(W)×282(H)	Zinc die casting
Rated voltage	DC 6V	Can use 1 year on a basis of using 10 times per day (can use 10-month durability if it is a model with remote controller)
Working temperature	15 ~ 55℃	
Battery	1.5 V AA alkaline batteries (4 nos)	
RFID	ISO 14443 A type, 13.56 MHz bandwidth	Mifare standard
Remote	FSK, 447.2750MHz	Only applicable to models with remote controller

※ The life of a battery varies depending on the temperature, humidity, use frequency and the quality of a battery.

MEMO

MEMO

MEMO